

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022720\  
 Data File : VX015043.D  
 Acq On : 27 Feb 2020 13:21  
 Operator : JC/SP  
 Sample : L1683-15DL 40X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 INTERCEPTOR-20200225DL

Quant Time: Feb 27 16:16:04 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 Response via : Initial Calibration

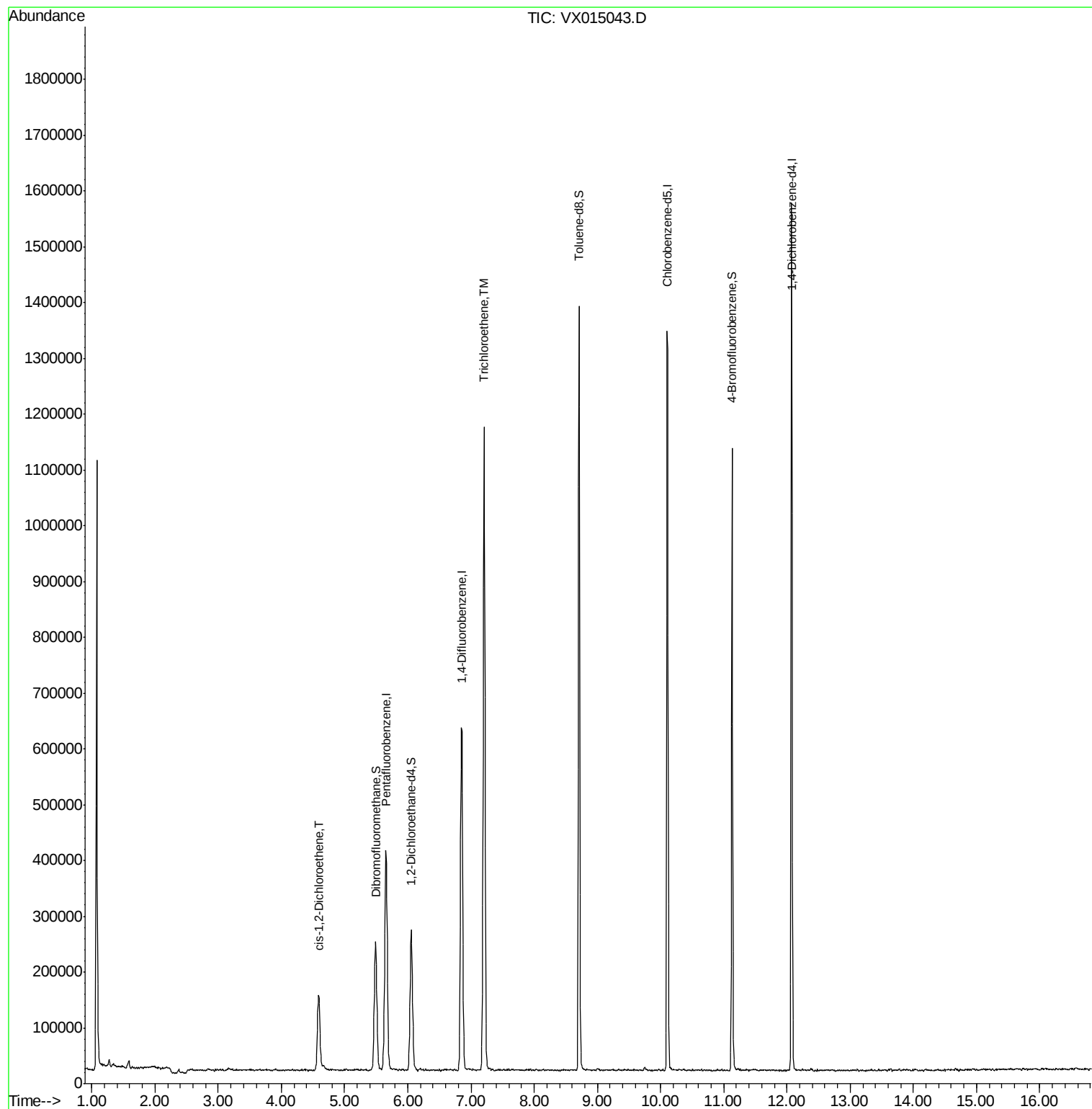
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 409995   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 652586   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 633692   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 322803   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 235663   | 50.93  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.86% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 200718   | 50.03  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 100.06% |          |
| 50) Toluene-d8              | 8.71  | 98   | 788883   | 51.51  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.02% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 287554   | 52.13  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.26% |          |
| Target Compounds            |       |      |          |        |         |          |
| 27) cis-1,2-Dichloroethene  | 4.59  | 96   | 90021    | 19.421 | ug/l    | 92       |
| 44) Trichloroethene         | 7.21  | 130  | 451154   | 89.103 | ug/l    | 98       |

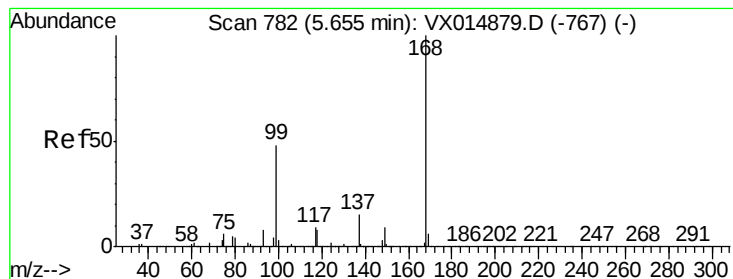
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Feb 10 12:09:20 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

Instrument :

MSVOA\_X

ClientSampleId :

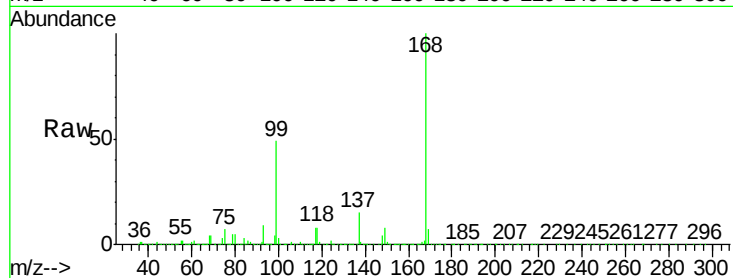
INTERCEPTOR-20200225DL

Tot Ion:168 Resp: 409995

Ion Ratio Lower Upper

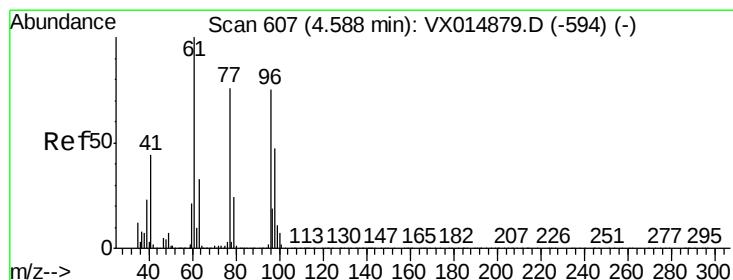
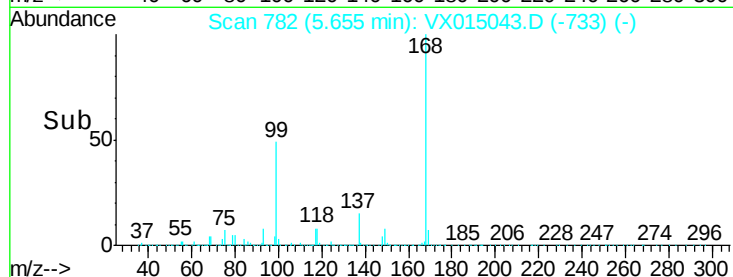
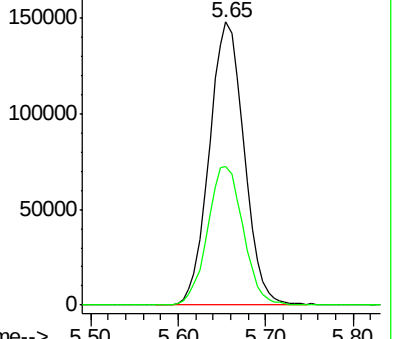
168 100

99 48.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 19.421 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

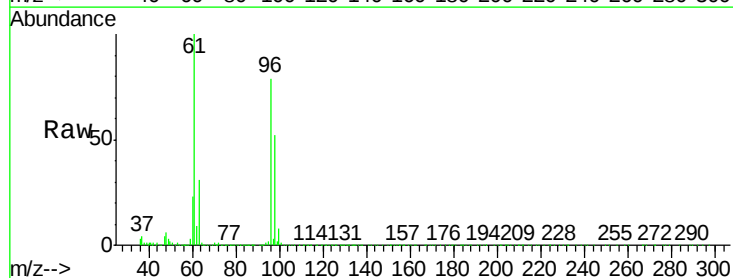
Tgt Ion: 96 Resp: 90021

Ion Ratio Lower Upper

96 100

61 128.9 0.0 286.2

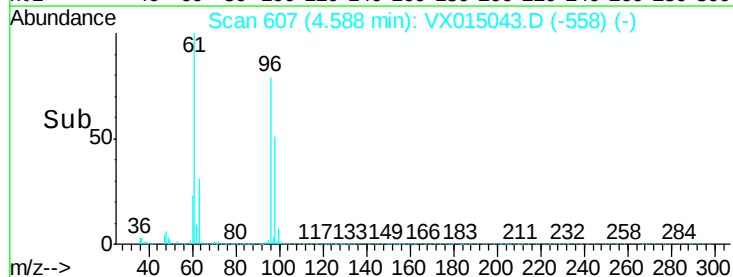
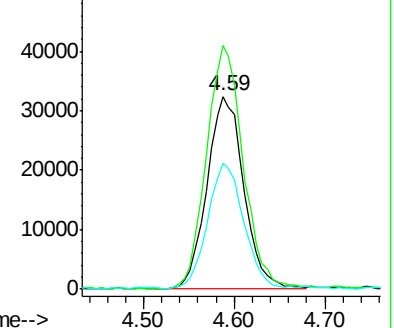
98 64.1 0.0 131.0

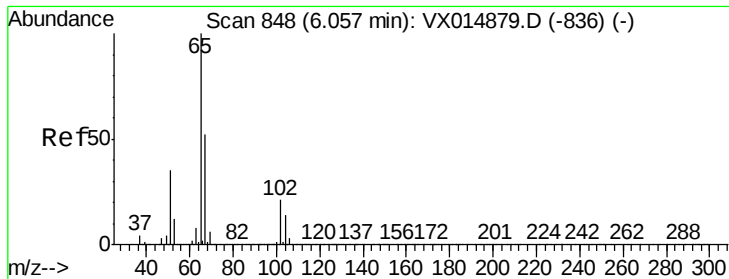


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.931 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

Instrument :

MSVOA\_X

ClientSampleId :

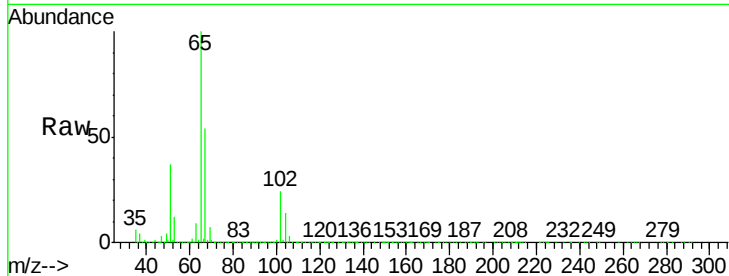
INTERCEPTOR-20200225DL

Tot Ion: 65 Resp: 235663

Ion Ratio Lower Upper

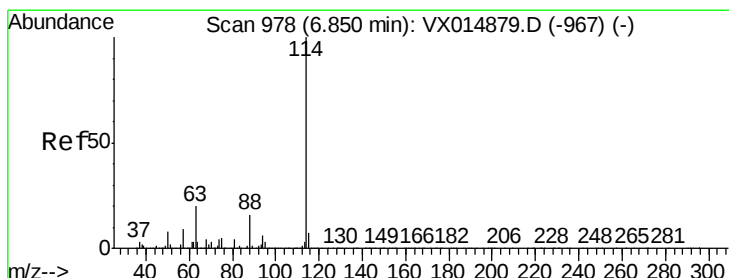
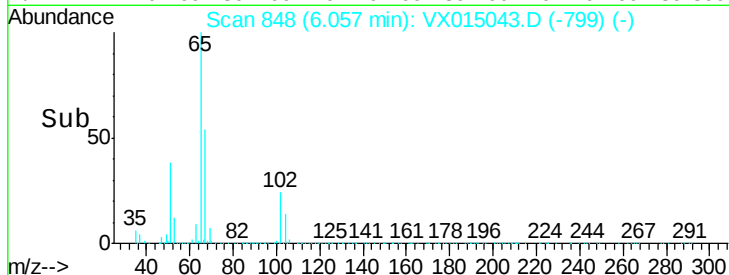
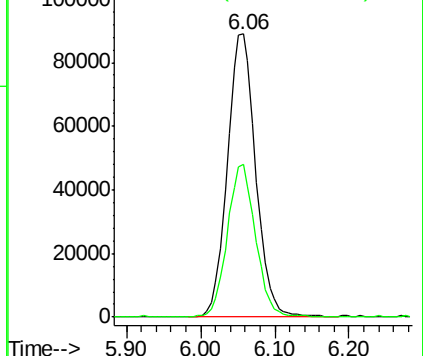
65 100

67 53.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

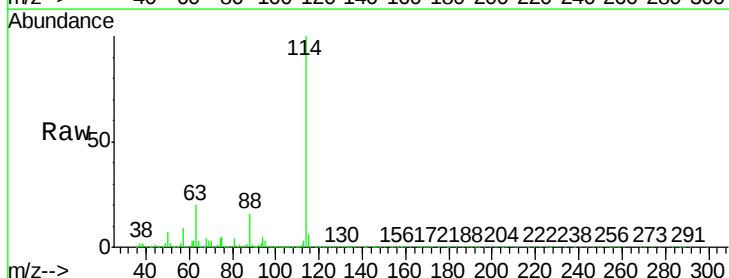
Tgt Ion: 114 Resp: 652586

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

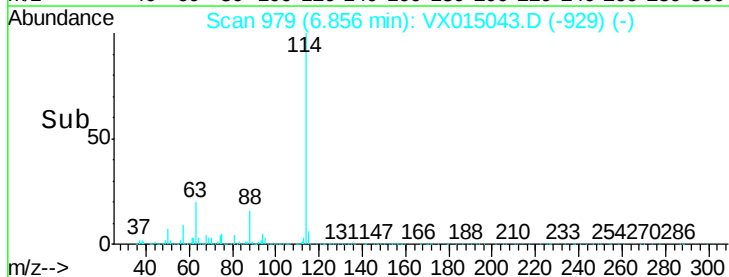
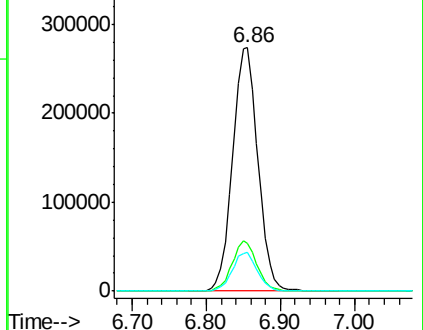
88 15.8 0.0 32.0

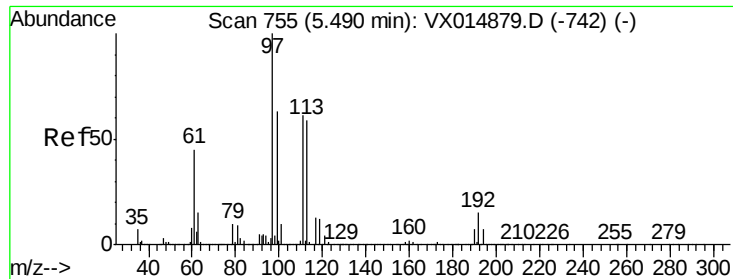


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.030 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

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MSVOA\_X  
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INTERCEPTOR-20200225DL

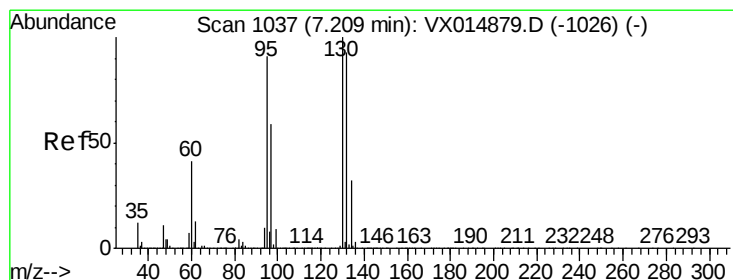
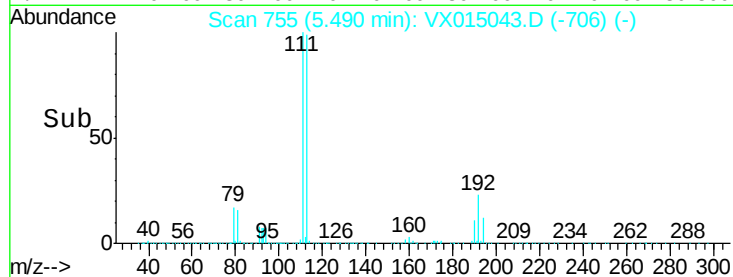
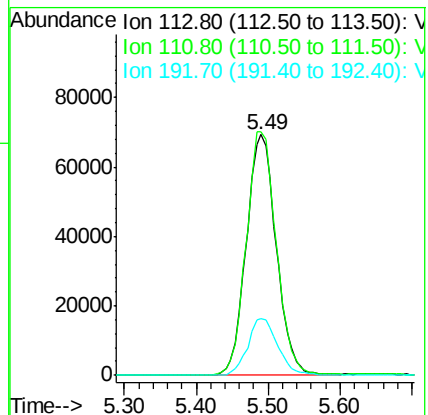
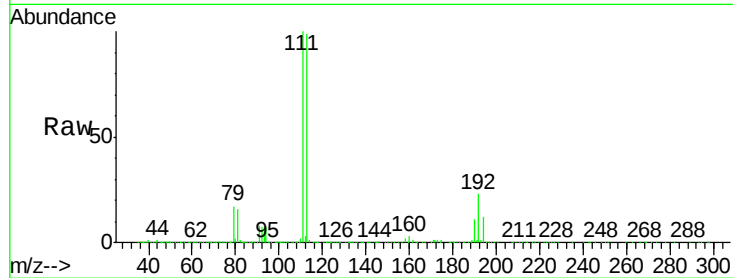
Tot Ion:113 Resp: 200718

Ion Ratio Lower Upper

113 100

111 101.3 82.4 123.6

192 23.5 19.1 28.7



#44

Trichloroethene

Concen: 89.103 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015043.D

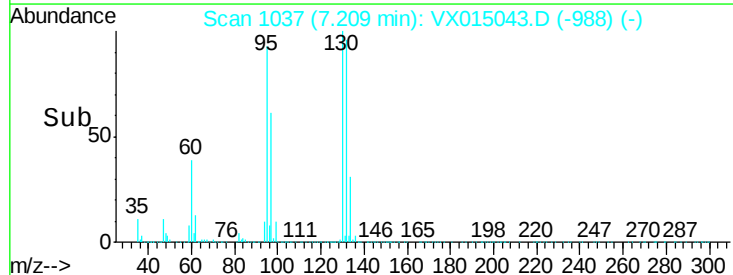
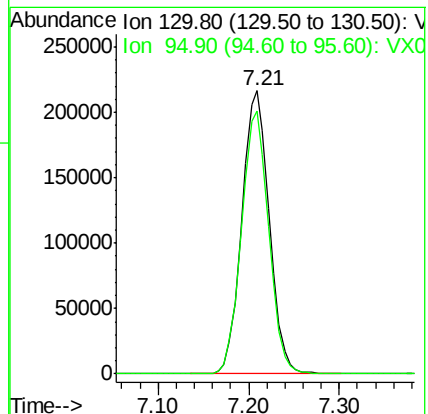
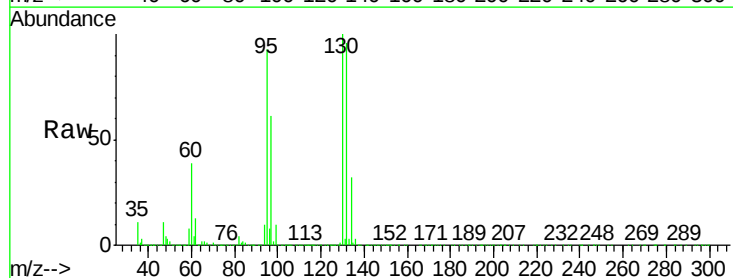
Acq: 27 Feb 2020 13:21

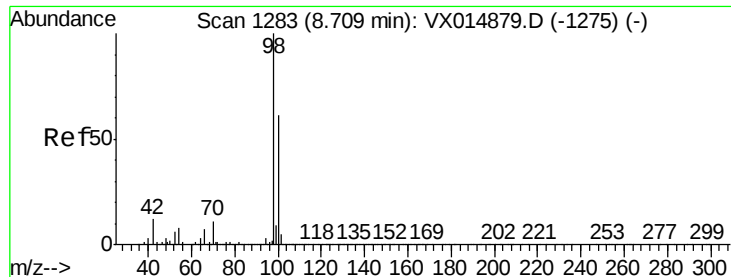
Tgt Ion:130 Resp: 451154

Ion Ratio Lower Upper

130 100

95 92.8 0.0 182.6





#50

Toluene-d8

Concen: 51.514 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

Instrument :

MSVOA\_X

ClientSampleId :

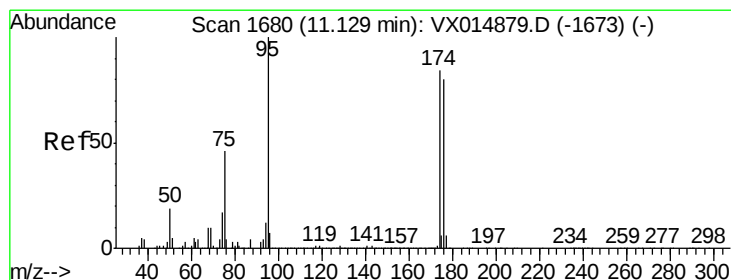
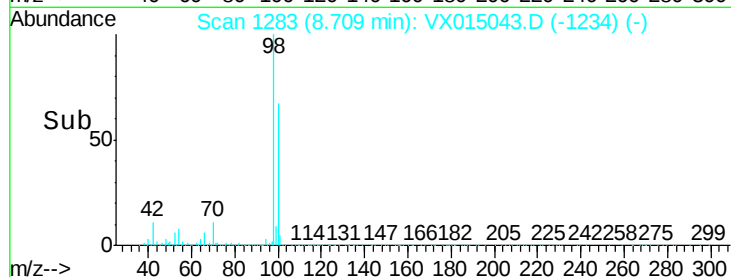
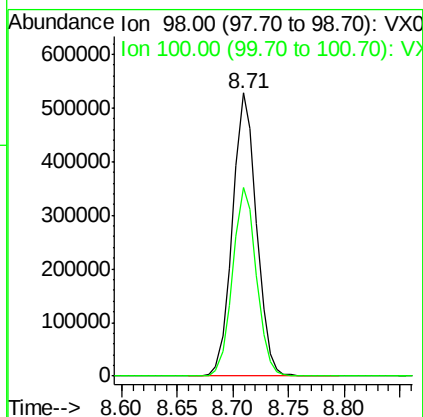
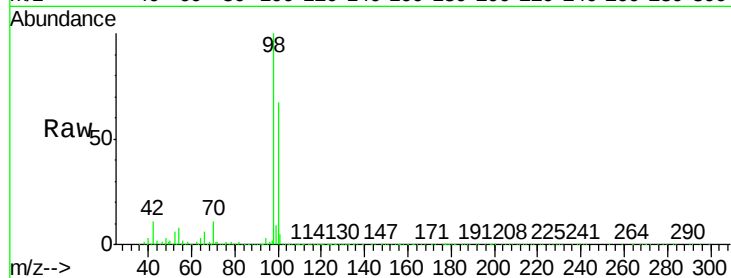
INTERCEPTOR-20200225DL

Tot Ion: 98 Resp: 788883

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.126 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015043.D

Acq: 27 Feb 2020 13:21

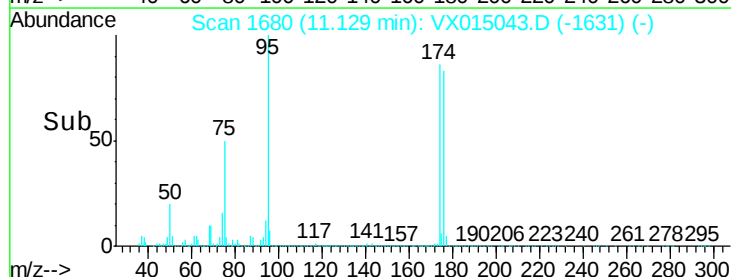
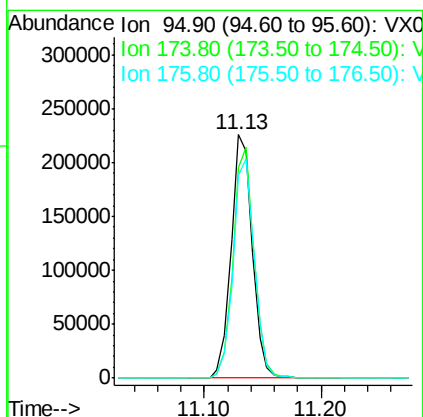
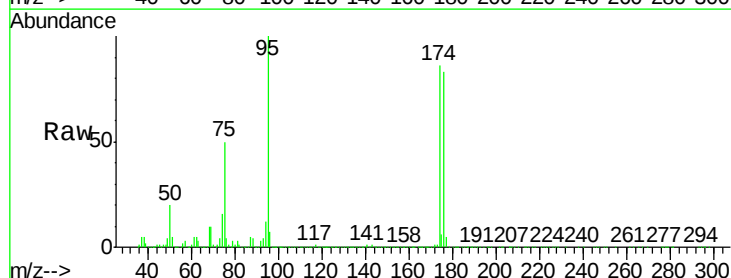
Tgt Ion: 95 Resp: 287554

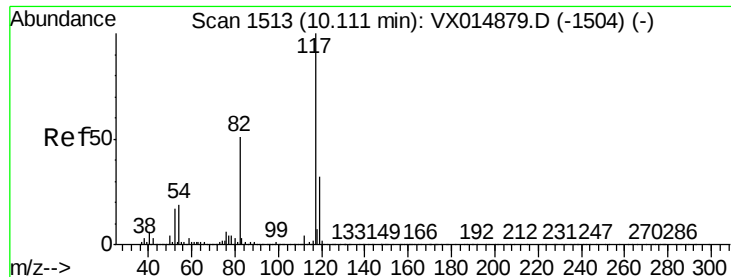
Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.0

176 90.0 0.0 178.0

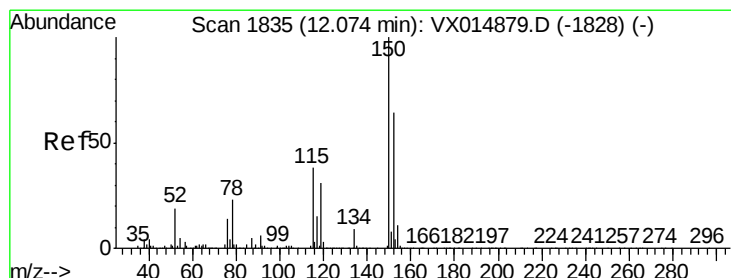
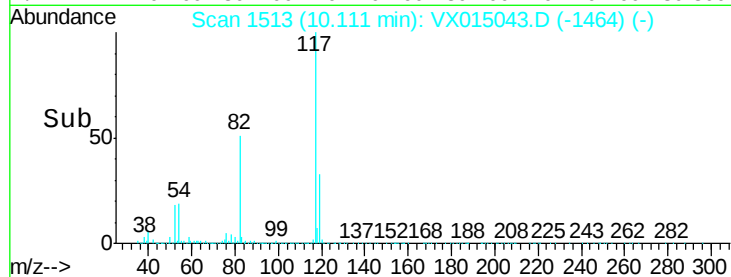
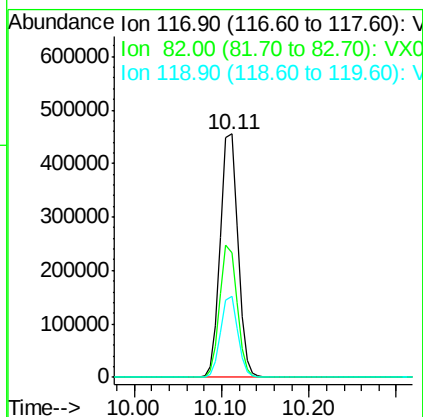
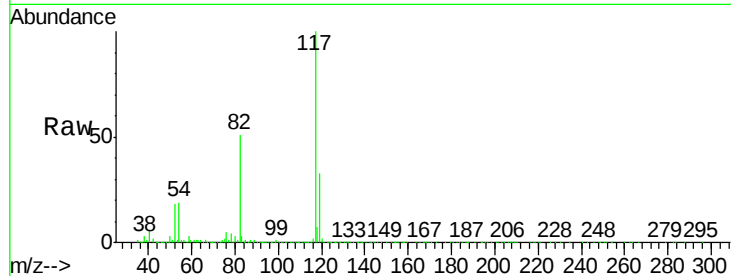




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VX015043.D  
Acq: 27 Feb 2020 13:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
INTERCEPTOR-20200225DL

Tot Ion:117 Resp: 633692  
Ion Ratio Lower Upper  
117 100  
82 51.1 40.5 60.7  
119 33.2 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX015043.D  
Acq: 27 Feb 2020 13:21

Tgt Ion:152 Resp: 322803  
Ion Ratio Lower Upper  
152 100  
115 53.8 38.6 116.0  
150 156.6 0.0 349.0

